

CLAIMS

1. A method of monitoring a microseismic event, comprising: detecting said event to produce a first signal dependent on said event, the first signal including noise at a frequency of f Hz; taking a first sample of said first signal; taking a second sample of said first signal, the second sample occurring n/f seconds after the first sample, where n is an integer; and subtracting the first and second samples from each other to produce a further signal dependent on said event in which said noise has been at least partly compensated for.
2. A method according to claim 1, wherein $n = 1$.
3. A method according to claim 1, wherein $f = 50$.
4. A method according to claim 1, wherein the microseismic event is one occurring in a fluid producing well.